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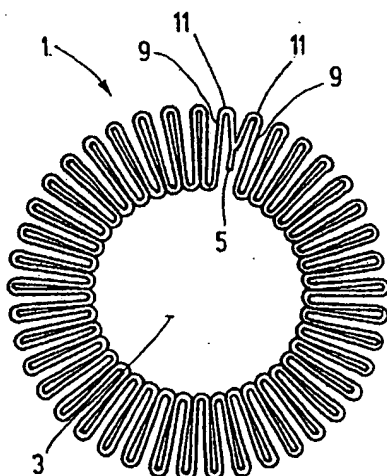
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(54) Title: **FILTER ELEMENT AND METHOD FOR THE PRODUCTION THEREOF**

(54) Title: **FILTER ELEMENT AND METHOD FOR THE PRODUCTION THEREOF**

(54) Bezeichnung: **FILTERELEMENT UND VERFAHREN ZU DESSEN HERSTELLUNG**



(57) Abstract: The invention relates to a filter element comprising a filter cylinder whose outer side rests against a fluid-permeable supporting tube (15). The inside (3) of the filter cylinder can be flown through by the fluid to be filtered, and the filter cylinder is formed by a filter mat web. The filter mat web has a series of folds (9) that rest against one another at least in areas. Both ends of the filter mat web are joined to one another at a junction (5) in order to form an annular body (1). The inventive filter element comprises a device that acts upon the junction (5) in order to prevent, in the area of the junction (5), a bulging of the folds (9) that is caused by the flow of the fluid.

(57) Zusammenfassung: Bei einem Filterelement mit einem an seiner Außenseite an einem fluiddurchlässigen Stützrohr (15) anliegenden Filterzylinder, der von seiner Innenseite (3) her von dem zu filternden Fluid durchströmbar und aus einer Filtermattenbahn gebildet ist, die eine Folge von zumindest bereichsweise aneinander anliegenden Falten (9) aufweist und deren beide Enden an einer Verbindungsstelle (5) zur Bildung eines Ringkörpers 1 miteinander verbunden sind, ist eine an der Verbindungsstelle (5) wirksame Anordnung zum Verhindern eines durch Einwirkung der Strömung des Fluides verursachten Beulens der Falten (9) im Bereich der Verbindungsstelle (5) vorgesehen.

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